SEC

P 142110Z NOV 69
FM NPIC WASHDC
TO RHODAAA/SAC OFFUTT AFB OMAHA NEB
RHCOAAA/544TH ARTW OFFUTT AFB OMAHA NEB
RUCILBA/100TH SRW OL 19 MCCOY AFB FLA
RUWMODA/100TH SRW DAVIS MONTHAN AFB ARIZ
RUWMODA/12 SAD DAVIS MONTHAN AFB ARIZ
RUEBJRA/NAVRECONTECHSUPPCEN SUITLAND MD
RUEAIIA/CIA WASH DC
RUCRJCS/DIA
RUWBKNA/15TH AF MARCH AFB RIVERSIDE CALIF
RUEFHQA/HQS USAF
BT

1969 NOV 14 21 25Z

S E C R E T CITE NPIC 7407.

SAC FOR DIRI, DOSR, DISD, DM4C, DPLC; 100 SRW DAVIS MONTHAN AFB FOR DO, DCOI, DCM, AEMS; 12 SAD FOR MD; DIA FOR DIAXX-1; HQ USAF FOR AFIGOS, AFXOTR; 15TH AF FOR DI, DO, DM4C.

SUBJECT: EVALUATION OF OLD HEAD MISSION G-104, FLOWN 8 NOVEMBER 1969

1. IMAGE QUALITY: THE IMAGE QUALITY RANGÉS FROM FAIR TO GOOD WITH THE BEST OBTAINED BEING EQUIVALENT TO THE BEST OF MISSION DISTRIBUTION

PAGE 2 RUEADJU 0024 S E C R E T

G-103. EXAMPLES OF SOME OF THE SMALLEST IDENTIFIABLE OBJECTS ARE SECUR.
PEOPLE, AUTOMOBILE WINDSHIELDS, CROSS ARMS ON TELEPHONE POLES, AND RAILROAD TIES. NO SIGNIFICANT DIFFERENCE IN QUALITY WAS DETECTED AND RAILROAD TIES. NO SIGNIFICANT DIFFERENCE IN QUALITY WAS DETECTED TION TO THE IMAGERY IS ATTRIBUTED TO VEHICLE MANEUVERING (SMEARED RAD IMAGERY) AND POOR WEATHER CONDITIONS. CLOUD COVER AND HAZE OBSCUREIRED APPROXIMATELY 50 PERCENT OF THE ENTIRE MISSION. THE INTERPRETATION ALD SUITABILITY IS GOOD WHERE NOT AFFECTED BY POOR WEATHER CONDITIONS. IEC COULD IDENTIFY ANTI-AIRCRAFT PIECES BY CALIBER AND CARGO TRUCKS
BY ACTUAL TYPE.

2. MISSION DATA:

A. G-104, 8 NOV 1969

B. I-2, 8007

C. A/C NUM: 339

D. STEREO

E. T/O: NOT AVAILABLE

C/O: 1352Z

F. 3404; W-23A

G. DUAL GAMMA VISCOUS CHEMISTRY

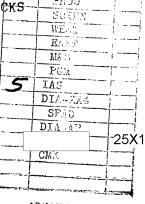
PAGE 3 RUEADJU Ø024 S E C R E T H. AVG. GAMMA: 1.87

3. ORIGINAL NEGATIVE:

A. EXPOSURE: ADEQUATE

B. DENSITY AND CONTRAST: GENERALLY LOW TO MEDIUM.

C. IMAGE DEGRADATIONS: BANDING, PARALLEL TO THE MINOR AXIS, IS PRESENT THROUGHOUT THE MISSION. FOG ASSOCIATED WITH LIGHT REFRACTING AROUND THE END OF THE EXPOSURE SLIT ASSEMBLY IS PRESENT OUTSIDE EACH FORMAT EDGE THROUGHOUT THE MISSION. PLUS DENSITY MARKS ASSOCIATED WITH THE SKEW BARS ARE PRESENT AT DISTANCES OF 10, 11.5, 28, AND 29.5 INCHES FROM THE TAKE-UP END OF MOST FRAMES. FRAMES 1,



OFFICE FILE







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1306, 1307, 1308, AND 1328 ARE FOGGED IN ASSOCIATION WITH CAMERA START-UP AND SHUT-DOWN. PLUS DENSITY MARKS, PARALLEL TO THE MINOR AXIS ARE PRESENT AT 3.3 INCHES FROM THE TAKE-UP END AND 11.3 INCHES FROM THE SUPPLY END OF EACH FORWARD FRAME. A SIMILAR PLUS DENSITY MARK IS LOCATED 5.5 INCHES FROM THE SUPPLY END OF EACH AFT FRAME. A CONTINUOUS MINUS DENSITY LINE, LOCATED 2.7 INCHES FROM THE TITLED FILM EDGE IS PRESENT THROUGHOUT THE MISSION; ADDITIONAL MINUS DENSITY LINES ARE PRESENT INTERMITTENTLY THROUGHOUT THE MISSION. A SERIES OF MINUS DENSITY SPOTS (EACH SPOT IS 1.6 INCHES APART AND 2.3 INCHES FROM THE TITLED FILM EDGE)

PAGE 4 RUEADJU ØØ24 S E C R E T IS PRESENT THROUGHOUT THE MISSION. A PLUS DENSITY BAND OF FOG, Ø.25 INCH BY 2.5 INCHES, PROTRUDES INTO THE TITLED EDGE OF AFT FRAMES 816, 822, AND 1308 THROUGH 1322.

- D. PHYSICAL DEGRADATIONS: SEVERAL FINE EMULSION SCRATCHES ARE PRESENT, PARALLEL TO THE MAJOR FILM AXIS THROUGHOUT THE MISSION MATERIAL. FIVE HEAT SPLICES AND TWO MANUFACTURER'S SPLICES ARE PRESENT IN THE FILM.
- E. DATA RECORDING EQUIPMENT: ALL DATA RECORDING EQUIPMENT FUNCTIONED PROPERLY.
- F. OTHER: THE LAST TITLED FRAME OF THE MISSION IS TITLED 1329 AND IS 37 INCHES LONG. THE LAST COUNTER NUMBER IS 1334. THIS PLUS FIVE BIAS WAS HELD THROUGHOUT THE MISSION.
- 4. POSITIVES: ADEQUATE FOR EXPLOITATION PURPOSES.
 GP-1

SECRET

END OF MESSAGE